DOCUMENT RESUME

ED 136 885 95 JC 770 224

TITLE Fall 1975 Entering Students in Spring 1977: A Comparison of Continuing and Non-Continuing Students at the Beginning of Their Fourth Semester. Student Flow Project, Report No. 23.
INSTITUTION Hawaii Univ., Honolulu. Community Coll. System.
SPONS AGENCY Office of Education (DHEW), Washington, D.C.
PUB DATE Apr 77
NOTE 35p.; Hard copy not available due to marginal legibility of the original

EDRS PRICE MF-$0.83 Plus Postage. HC Not Available from EDRS.
DESCRIPTORS *Cohort Analysis; College Credits; Community Colleges; Demography; *Dropout Characteristics; Grade Point Average; *Junior Colleges; *Persistence; School Holding Power; Statistical Studies; *Student Characteristics
IDENTIFIERS Hawaii

ABSTRACT

This report, part of a series of studies on student flow in the seven Hawaii community colleges, contains an analysis of fall 1975 entering students in their fourth semester. Of a total of 8,979 entering students in fall 1975, 3,653 were registered in spring 1977 and 3,302 had been continuously enrolled over the four semesters. The continuation rate from the previous semester (fall 1976) was 80%. Overall, continuation rates were higher for males, for students aged 19 and under at the time of entry, for unmarried students, for graduates of island public high schools, for new students as compared to transfers, and for full-time students. The highest continuation rates were for students seeking the Associate of Science degree. Statistically significant differences in continuation rates were found for the community college total on all of the 11 personal and academic characteristics studied but sex and marital status. However, characteristics found to be statistically significant between continuing and non-continuing students in the fall 1975 entering group for the community college total as well as for each of the seven campuses were, in spring 1976 (second semester)--age, entry status, full- or part-time status, grade point average, and credit-completion ratio; in fall 1976 (third semester)--grade point average and credit-completion ratio; and in spring 1977 (fourth semester)--grade point average and credit-completion ratio. (JDS)

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FALL 1975 ENTERING STUDENTS IN SPRING 1977
A COMPARISON OF CONTINUING AND NON-CONTINUING STUDENTS AT THE BEGINNING OF THEIR FOURTH SEMESTER

BEST COPY AVAILABLE

Report No. 23

Student Flow Project

April 1977

Office of the Chancellor for Community Colleges
Educational Services Division
University of Hawaii

JC 770 224

The activity which is the subject of this report was supported in part by the U.S. Office of Education, Department of Health, Education, and Welfare. However, the opinions expressed herein do not necessarily reflect the position or policy of the U.S. Office of Education, and no official endorsement by the U.S. Office of Education should be inferred.

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A. Introduction

1. Nature of This Report

This report is an analysis of the characteristics of students (Fall 1975 Entering Students, only) who are enrolled in our colleges this spring for *their fourth consecutive semester.* These continuing students are compared to those who are not currently enrolled. (Student Flow Reports 10 and 16 analyzed the characteristics of those continuing and not continuing during the Spring 1976 and Fall 1976 semesters.) Our results are based on the data in the University of Hawaii's student files.

This comparison of continuing and non-continuing students includes analysis in terms of the following ten characteristics:

--personal: sex, age at time of entry, marital status

--academic: high school background, Fall 1975 entry status and the following Spring 1976 characteristics: full-/part-time status, educational objective, program, grade point average and credit-completion ratio.

Findings on continuation rates are summarized in two sections: (a) for the community college total and (b) for each campus, by program.

2. Definitions: Registrants, Continuers, Stop-outs

The term registrants as used in this Student Flow Project is a general one, applicable to all Fall 1975 entering students enrolled in the current semester. There are two kinds of registrants: "continuers" and "stop-outs". The terms are further defined below.

The term registrants is defined as those students (Fall 1975 entering, only, for this report) who are registered in the current semester. Registration rate is derived by dividing the number of registered students by the number of potential registrants (total entering students minus non-returning graduates).

The term continuers is defined in this report as those students (Fall 1975 entering, only, for this report) who have attended all semesters since Fall 1975 without interruption. The continuation rate is calculated by dividing the number of students enrolled continuously since entry by the potential continuing students (total continuers at the end of the previous semester minus number graduating at the end of the semester).

The term stop-outs is defined as those students (Fall 1975 entering, only, for this report) who are registered in the current semester but who had stayed out a semester or two. The number is obtained by subtracting the total number of continuers from the total number of those registered.

Table 1 presents data pertinent to the definitions above.

As anticipated, the data in Table 1 show that while the registration rate declined, the continuation rate increased this semester. The number of stop-outs this spring (351) more than doubled compared to last fall (151).

TABLE 1
REGISTRATIONS, CONTINUATIONS AND STOP-OUTS
FALL 1976 AND SPRING 1977

FALL 1976:

Registrants and Registration Rate		Continuers and Continuation Rate		Stop-outs	
Total Entering Fall '75	8,979	Total Entering Fall '75	8,979	Registration	4,30
Non-Returning Grads	- 81	Continuously Registered Students, End of Sp. '76	6,475	Continuation	-4,15
Potential Registrants	8,898	No. of Continuously Registered Students Enrolled in Fall '76	4,157	Stop-outs	15
Number Registered	4,308	Continuation Rate 4,157 ÷ 6,475	*64%*		
Registration Rate 4,308 ÷ 8,898	*48%*				

SPRING 1977:

Registrants and Registration Rate		Continuers and Continuation Rate		Stop-outs	
Total Entering Fall '75	8,979	Total Entering Fall '75	8,979	Registration	3,65
Non-Returning Grads	- 145	Continuously Registered Students, End of Fall '76	4,149	Continuation	-3,30
Potential Registrants	8,834	No. of Continuously Registered Students Enrolled in Sp. '77	3,302	Stop-outs	35
Number Registered	3,653	Continuation Rate 3,302 ÷ 4,149	*80%*		
Registration Rate 3,653 ÷ 8,834	*41%*				

Sources: Registration Rate, 2542F, October 15, 1976 and March 1, 1977;
Continuation Rate, 2542P4, October 18, 1976 and March 3, 1977.

B. Findings: Community College Total

A detailed table showing continuation rates in Spring 1977 for the community college total and by campus is found in Appendix A. The highlights of that table are discussed in this section of our report.

1. Continuation Rates

As indicated earlier, the continuation rate in Spring 1977 for the community colleges as a whole was 80 percent. Campuses differed in their continuation rates in Spring 1976, Fall 1976 and Spring 1977 as shown below:

	Spring 1976	Fall 1976	Spring 1977
Community College Total	72%	64%	80%
Hawaii Community College	77%	65%	86%
Honolulu Community College	73%	70%	81%
Kapiolani Community College	74%	64%	77%
Kauai Community College	64%	65%	81%
Leeward Community College	75%	64%	80%
Maui Community College	66%	61%	78%
Windward Community College	67%	50%	73%

Continuation rates were higher at every campus this spring compared to the previous two semesters. The rates ranged from 86 percent at Hawaii to 73 percent at Windward. (The range in Fall 1976 was 70 percent, Honolulu, to 50 percent, Windward.) *There was a statistically significant difference in continuation rates among the campuses.*

Our analysis of the community college total also showed that there were statistically significant differences in continuation rates based on all characteristics except sex and marital status. Campuses differed, however, on the characteristics which revealed statistically significant differences in continuation rates. (See Table 2.) *"Significant" items were grade point average and credit-completion ratio for all seven campuses as was true in Fall 1976.* Students at Kapiolani and Maui differed significantly in their continuation rates based on eight characteristics; Hawaii, Honolulu and Leeward on five; Kauai and Windward on two.

TABLE 2
STUDENT CHARACTERISTICS AND CONTINUATION/NON-CONTINUATION RATES
SPRING 1977

Note: Level of statistical significance is denoted thus: * .05 level, ** .01 level, *** .001 level.

Characteristics	Total	Hawaii	Honolulu	Kapiolani	Kauai	Leeward	Maui	Windward
Sex			**	*				
Age	***			**		*	**	
Marital Status								
High School Background	***	*					**	
Entry	***	*		*		**	***	
Full-/Part-Time	***	***	***	***		***	***	
Educational Objective	***		**	***			**	
Program	***			***			**	
Grade Point Average	***	***	***	***	***	***	***	***
Credit-Completion Ratio	***	***	***	***	***	***	***	***

Before discussing continuation rates, by each student characteristic, Figure 1 is presented to illustrate the diversity in rates.

2. Personal Characteristics

a. Sex: *For the community college total, the continuation rate for males was higher than for females (81 percent compared to 78 percent). Students on two campuses (Honolulu and Kapiolani) differed significantly in their continuation rates by sex.* The continuation rates for females ranged from 84 percent at Hawaii to 67 percent at Windward; for males from 88 percent at Hawaii to 73 percent at Kapiolani.

b. Age: *There were statistically significant differences in continuation rates, by age groups, for the community college total, Kapiolani, Leeward and Maui. For the community college total, the highest continuation rate was for the group below 19 years of age at entry (83 percent), and the lowest rate (7? percent) was for students 22-24 years of age.* The continuation rates for the below-19 age group ranged from 90 percent at Hawaii to 73 percent at Windward; for the 22-24 age group from 82 percent at Hawaii to 47 percent at Windward.

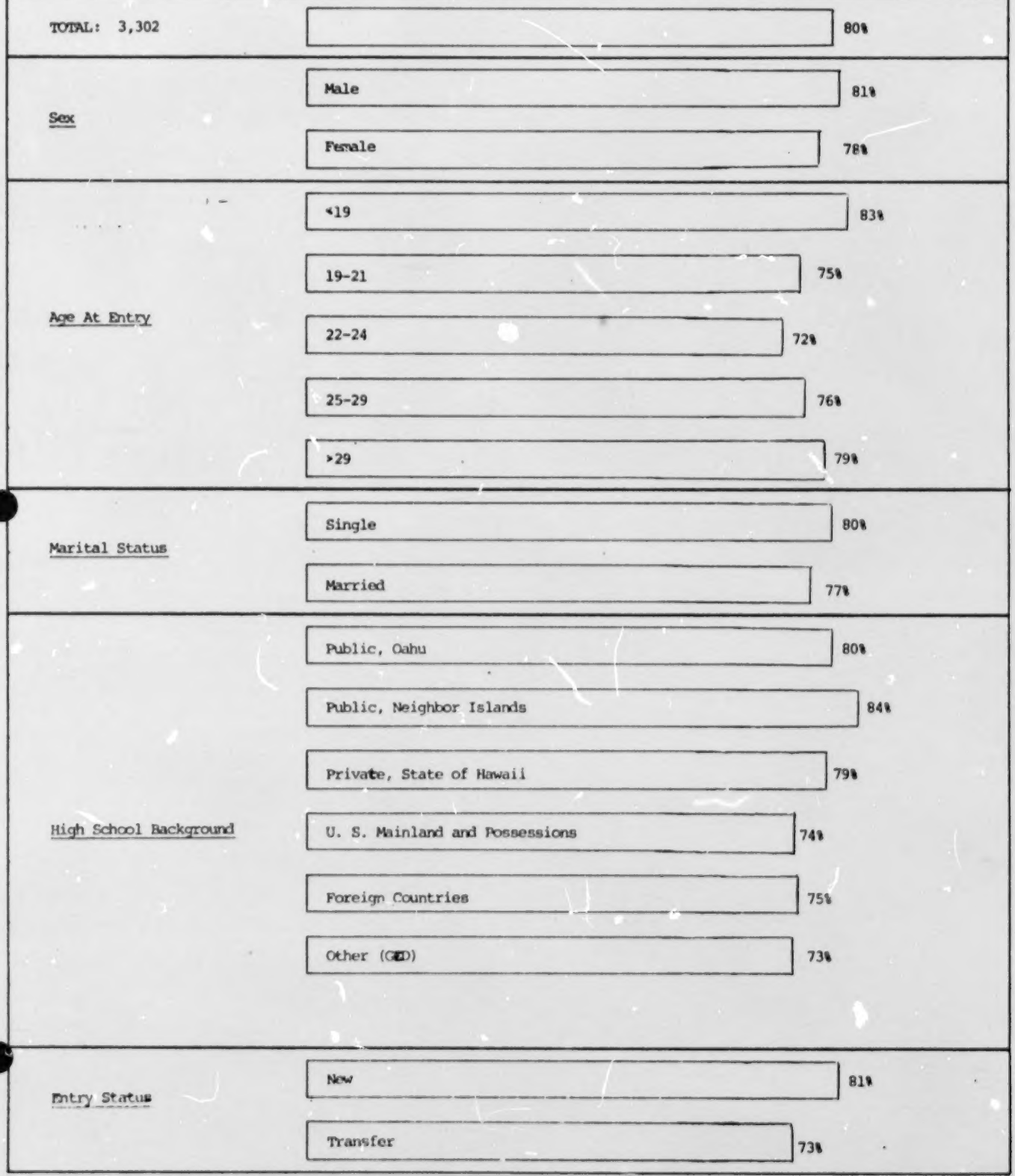
c. Marital Status: *Students did not differ significantly by marital status.* The continuation rate for single students was 80 percent for the total and ranged from 88 percent, Hawaii, to 72 percent, Windward; the rate for married students was 77 percent for the total and ranged from 80 percent, Leeward, to 72 percent, Kapiolani.

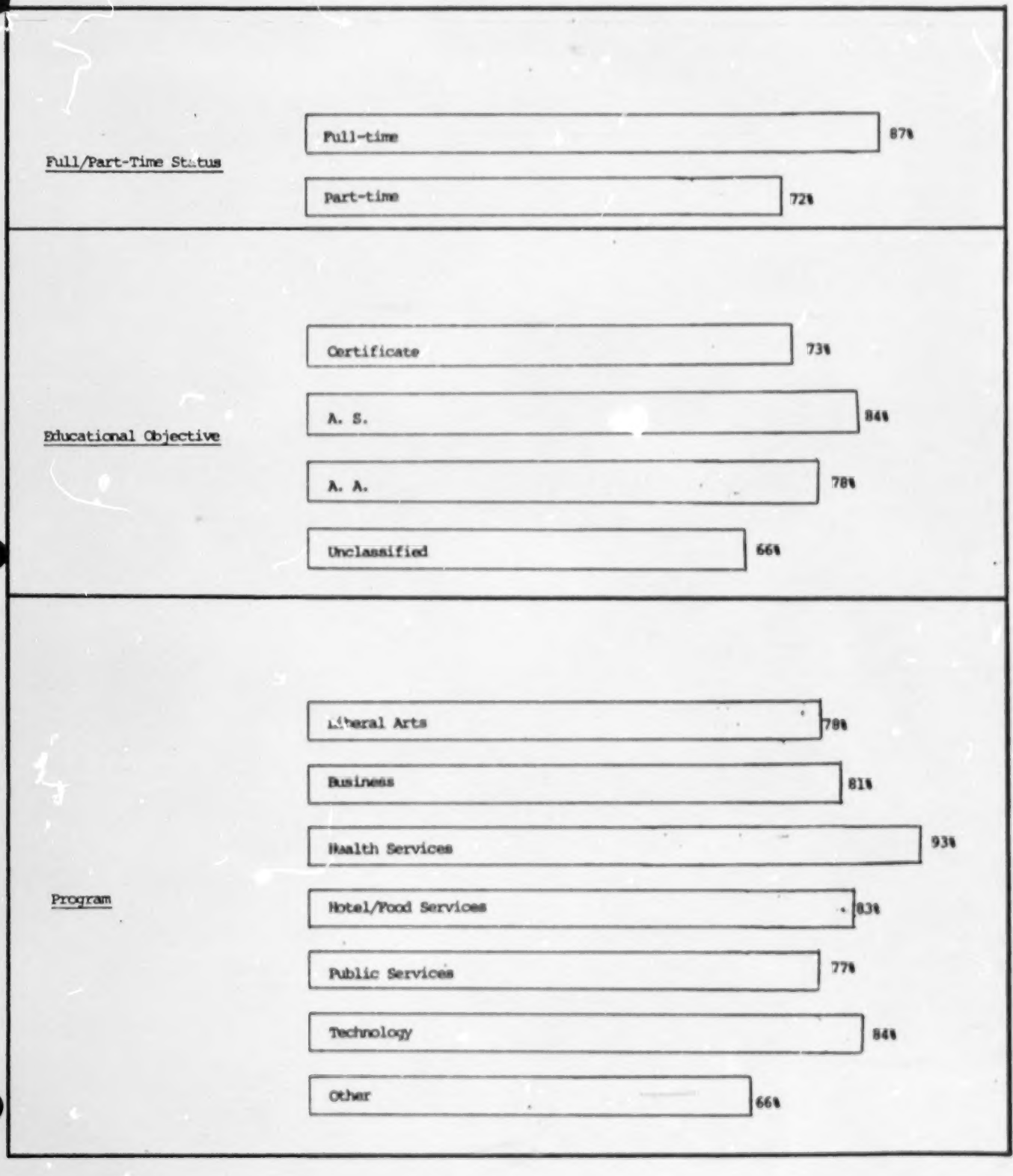
3. Academic Characteristics

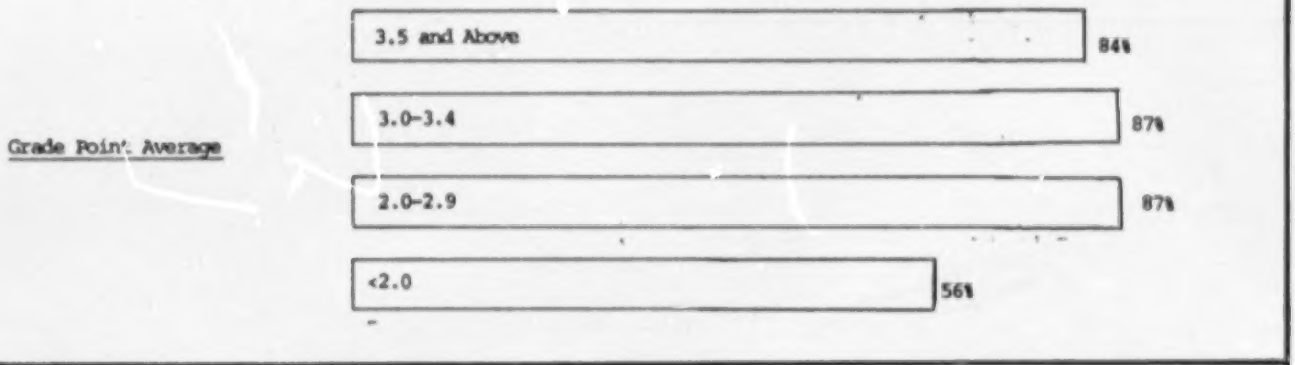
a. High School Background: *There were statistically significant differences in continuation rates, by high school background, for the total, Hawaii and Maui. For the community college total, the highest continuation rates were for the groups who graduated from public Neighbor Island high schools (84 percent) and public Oahu schools (80 percent). Students who entered the community colleges without high school diplomas and those who graduated from U.S. Mainland and Possession schools had the lowest rates (73 and 74 percent).* Campuses differed in the high school group having the highest continuation rate. For example, the highest and lowest continuation rates at each campus were:

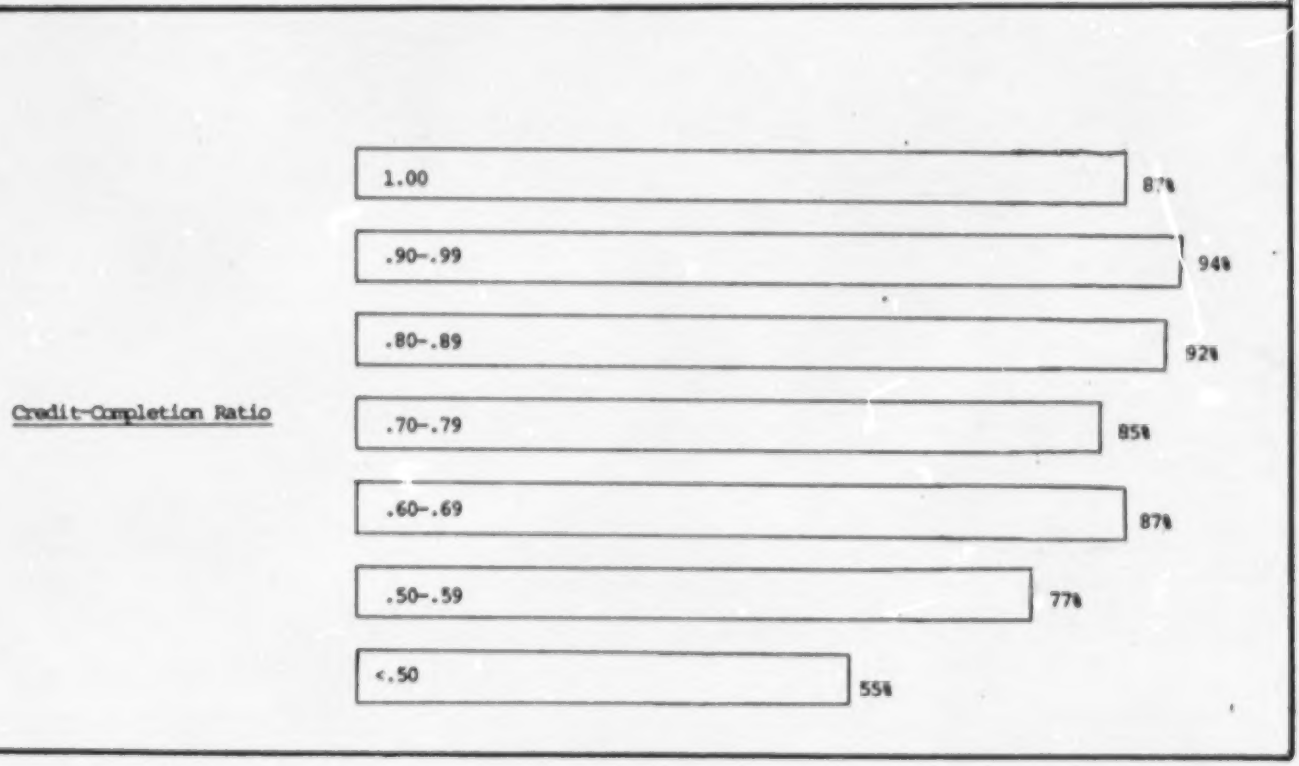
	Highest	Lowest
Hawaii CC	100% Public, Oahu & Foreign	63% Other
Honolulu CC	84% Public, Oahu	70% Other
Kapiolani CC	78% Public, Oahu; N.I.; Private, HI State	70% U.S. Main. & Poss.
Kauai CC	83% Public, N.I.	70% Other
Leeward CC	83% Public, N.I.	72% Foreign
Maui CC	83% Public, N.I.	60% Foreign
Windward CC	80% Other	73% Public, Oahu; U.S. Main. & Poss.

FIGURE 1
CONTINUATION RATES, BY CHARACTERISTICS
COMMUNITY COLLEGE TOTAL
FALL 1976 TO SPRING 1977




Full/Part-Time Status
Full-time
87%
Part-time
72%
Educational Objective
Certificate
73%
A. S.
84%
A. A.
78%
Unclassified
66%
Program
Liberal Arts
78%
Business
81%
Health Services
93%
Hotel/Food Services
83%
Public Services
77%
Technology
84%
Other
66%


Grade Point Average
3.5 and Above
84%
3.0-3.4
87%
2.0-2.9
87%
<2.0
56%


Credit-Completion Ratio
1.00
87%
.90-.99
94%
.80-.89
92%
.70-.79
85%
.60-.69
87%
.50-.59
77%
<.50
55%

b. Entry Status: *There were statistically significant differences in continuation rates, by entry status, for the total, Hawaii, Kapiolani, Leeward and Maui. For the total and all campuses, new students had higher continuation rates than transfer students. The continuation rate was 81 percent,* ranging from 88 percent at Hawaii to 74 percent at Windward. The rate for transfer students was 73 percent, ranging from 79 percent at Honolulu to 61 percent at Maui.

c. Full-/Part-Time Status in Fall 1976: *There were statistically significant differences in continuation rates, by full-/part-time status, for the total, Hawaii, Honolulu, Kapiolani, Leeward and Maui. For the total and all campuses, full-time students had higher continuation rates than part-time students.* The rate for full-time students was 87 percent for the total and ranged from 92 percent at Hawaii to 82 percent at Windward; for part-time students the rate was 72 percent and ranged from 76 percent at Hawaii and Kauai to 68 percent at Maui and Windward.

d. Educational Objective: *There were statistically significant differences in continuation rates, by educational objective, for the total, Honolulu, Kapiolani and Maui. Generally, the highest continuation rates were for students seeking A.S. degrees.* This was true for the total (84 percent), Hawaii (88 percent), Honolulu (84 percent), Kapiolani (85 percent), Kauai (86 percent) and Maui (80 percent). Those seeking A.A. degrees at Maui had a comparable continuing rate (80 percent) while A.A. candidates at Windward had a 73 percent continuing rate. The highest continuing rate at Leeward was 83 percent (20 students), unclassified students, followed by A.S. and A.A. candidates (81 percent and 80 percent, respectively).

e. Program: *There were statistically significant differences in continuation rates, by program, for the total and for Kapiolani and Maui Community Colleges. Health services students had the highest continuation rate (93 percent) for the total, followed by technology (84 percent) and hotel/food services (83 percent).* Programs (enrolling at least 26 continuing students) with the highest continuation rates on each campus were not identical, but technology and business predominated:

--Hawaii CC	92% Technology
--Honolulu CC	84% Technology
--Kapiolani CC	93% Health Services
--Kauai CC	88% Business
--Leeward CC	82% Technology
--Maui CC	81% Business
--Windward CC	73% Liberal Arts

If one looks at the number of continuing students, the following programs have the largest enrollments: liberal arts (1,466) for the total, for Kauai (48), Leeward (702), Maui (102) and Windward (116); technology for Hawaii (109) and for Honolulu (370); business for Kapiolani (341). In addition to liberal arts, other programs with large numbers of continuing students for the total were business (711) and technology (626).

Among the non-continuing students are 79 who graduated in Fall 1976:[1]

18 liberal arts
38 business
1 health services
8 hotel/food services
8 public services
6 technology

f. Grade Point Average: *There were statistically significant differences in continuation rates, by grade point average, for the total and all seven campuses. The groups with grade point averages of 2.0-2.9 and 3.0-3.4 had the highest continuation rates, 87 percent each, followed by the group with 3.5 and above (84 percent) and below 2.0 (56 percent).* On all seven campuses, the students with below 2.0 grade point averages had the lowest continuation rates, ranging from 64 percent at Honolulu to 35 percent at Kauai. The groups having grade point averages of 2.0-2.9 and 3.0-3.4 had the highest rates on six campuses (Hawaii, Honolulu, Kapiolani, Kauai, Leeward and Maui).

g. Credit-Completion Ratio: *There were statistically significant differences in continuation rates, by credit-completion ratio, for the total and all seven community colleges. For the total, the highest continuation rates were for students with CCRs of .90-.99 (94 percent), and students with CCRs above .50 had continuation rates of at least 77 percent. The group with CCRs under .50 had a continuation rate of 55 percent.* On most campuses, students with CCRs above .60 had the highest continuation rates, and on all campuses the group with below .50 CCRs had the lowest continuation rates, ranging from 60 percent at Leeward to 45 percent at Kauai.

C. Findings: Campus Highlights, by Program

1. Hawaii Community College (315 continuing students; 86% continuation rate)

Data in Table B-1 cover six programs and unclassified students. The range in continuation rates was 92 percent for technology to 75 percent for unclassified students. Since four of the programs (health services, hotel/food services, public services and unclassified students) had fewer than 26 continuing students, discussion in this section will deal only with students in the liberal arts (56 continuing students), business (99) and technology (109).

There were statistically significant differences in continuation rates, by the following characteristics and for the following programs:

[1] Computer Report, 2542 F, for Spring 1977.

--age	*business*
--marital status	*technology*
--high school background	*business*
--entry status	*business*
--full-/part-time	*business, technology*
--grade point average	*liberal arts, technology*
--credit-completion ratio	*liberal arts, technology*

Hawaii Community College had 10 students who graduated in Fall 1976: 9, business; 1, health services.

a. Liberal Arts (56 continuing students; 31% continuation rate)

Among the groups with the highest continuation rates were:

--students with grade point averages of 3.0-3.4 (100 percent)
--students with credit-completion ratios of 1.00 (92 percent).

b. Business (99 continuing students; 84% continuation rate)

Among the groups with the highest continuation rates in business were:

--students below 19 at entry (91 percent)
--graduates of Hawaii's private high schools (92 percent)
--new students (89 percent)
--full-time students (88 percent).

c. Technology (109 continuing students; 92% continuation rate)

The following groups had the highest continuation rates in technology:

--single students (94 percent)
--full-time students (98 percent)
--students with grade point averages of 3.5 and above (100 percent), 3.0-3.4 (98 percent)
--students with credit-completion ratios of 1.00 (99 percent).

2. Honolulu Community College (745 continuing students; 81% continuation rate)

Data in Table B-2 cover four programs and unclassified students. The range in continuation rates was 93 percent for hotel/food services to 75 percent for unclassified students. Since the hotel/food services program and the unclassified group had fewer than 26 continuing students, discussion in this section will deal only with students in the liberal arts (208 continuing students), public services (132), and technology (370).

There were statistically significant differences in continuation rates, by the following characteristics and for the following programs:

--sex	*technology*
--full-/part-time	*technology*
--educational objective	*technology*
--grade point average	*liberal arts, public services, technology*
--credit-completion ratio	*liberal arts, public services, technology*

Honolulu Community College had 10 students who graduated in Fall 1976: 1, liberal arts; 6, public services; 3, technology.

a. Liberal Arts (208 continuing students; 80% continuation rate)

Among the students with the highest continuation rates were:

--students with grade point averages of 3.0-3.4 (90 percent) and 2.0-2.9 (89 percent)
--students with credit-completion ratios of .80-.89 (100 percent). Also .70-.79 (94 percent).

b. Public Services (132 continuing students; 77% continuation rate)

Among the students with the highest continuation rates were:

--students with grade point averages of 2.0-2.9 (88 percent)
--students with credit-completion ratios of .70-.79 (88 percent).

c. Technology (370 continuing students; 84% continuation rate)

Among the students with the highest continuation rates were:

--males (87 percent)
--full-time students (92 percent)
--students seeking A.S. degrees (86 percent)
--students with grade point averages of 3.5 and above (92 percent) and 3.0-3.4 (90 percent)
--students with credit-completion ratios of .60-.69 (100 percent).

3. Kapiolani Community College (721 continuing students; 77% continuation rate)

Data in Table B-3 cover five programs and unclassified students. The range in continuation rates was 33 percent for health services to 25 percent for unclassified students. Since two programs had low enrollments (public services, 8 continuing students; unclassified students, 4), discussion in this section will deal only with students in liberal arts (234 continuing students), business (341), health services (80) and hotel/food services (54).

There were statistically significant differences in continuation rates, by the following characteristics and for the following programs:

--age	*business*
--entry status	*business*
--full-/part-time	*liberal arts, business*
--educational objective	*business*
--grade point average	*liberal arts, business, health services*
--credit-completion ratio	*liberal arts, business, health services*

Kapiolani Community College had 31 students (the largest number among the seven community colleges) who graduated in Fall 1976: 1, liberal arts; 22, business; 8, hotel/food services.

a. Liberal Arts (234 continuing students; 73% continuation rate)

Among the students with the highest continuation rates were:

--full-time students (81 percent)
--students with grade point averages of 3.0-3.4 and 2.0-2.9 (81 percent each)
--students with credit-completion ratios of .80-.89 (88 percent).

b. Business (341 continuing students; 81% continuation rate)

Among the students with the highest continuation rates were:

--students below 19 years of age at entry (84 percent)
--new students (83 percent)
--full-time students (89 percent)
--students seeking A.S. degrees (85 percent)
--students with grade point averages of 3.0-3.4 (90 percent) and 2.0-2.9 (89 percent)
--students with credit-completion ratios of .80-.89 (95 percent) and .60-.69 (94 percent).

c. Health Services (80 continuing students; 93% continuation rate)

This continuation rate is the highest among the campuses.

Among the students with the highest continuation rates were:

--students with grade point averages of 3.5 and above (100 percent)
--students with credit-completion ratios of .50-.59, .60-.69, .80-.89 and .90-.99 (100 percent: total of 16 continuing students); students with CCR of 1.00 (97 percent).

d. Hotel/Food Services (54 continuing students; 77% continuation rate)

There were no statistically significant differences in continuation rates, by student characteristics.

4. Kauai Community College (158 continuing students; 81% continuation rate)

Data in Table B-4 cover five programs and unclassified students. The range in continuation rates was 100 percent for health services to 74 percent for unclassified students. Since three programs had low enrollments (health services, 5 continuing students; public services, 14; unclassified group, 14), discussion in this section will deal only with students in liberal arts (48 continuing students), business (36) and technology (41).

There were statistically significant differences in continuation rates, by the following characteristics and for the following programs:

--age	*business, technology*
--educational objective	*business*
--grade point average	*liberal arts, business, technology*
--credit-completion ratio	*liberal arts, technology*

Kauai Community College had 3 students who graduated in Fall 1976: 2, liberal arts; 1, business.

a. Liberal Arts (48 continuing students; 76% continuation rate)

Among the students with the highest continuation rates were:

--students with grade point averages of 2.0-2.9 (96 percent)
--students with credit-completion ratios of 1.00 (91 percent). Also students with credit-completion ratios of .80-.89 and .60-.69 (100 percent: 3 students).

b. Business (36 continuing students; 88% continuation rate)

Among the students with the highest continuation rates were:

--students below 19 years of age at entry (91 percent)
--students seeking A.S. degrees (94 percent)
--students with grade point averages of 3.0-3.4 (100 percent).

c. Technology (41 continuing students; 80% continuation rate)

Among the students with the highest continuation rates were:

--students below 19 years of age at entry (79 percent)
--students with grade point averages of 3.0-3.4 and 2.0-2.9 (90 percent each); 3.5 and above (100 percent: 9 students)
--students with credit-completion ratios of 1.00 (96 percent). Also students with credit-completion ratios of .60-.69, .80-.99 (100 percent: 6 students).

5. Leeward Community College (980 continuing students; 80% continuation rate)

Data in Table B-5 cover five programs and unclassified students. The range in continuation rates was 92 percent for hotel/food services to 77 percent for business students. Since three programs had low enrollments (hotel/food services, 23 continuing students; public services, 18; unclassified group, 20), discussion in this section will deal only with students in liberal arts (702 continuing students), business (155) and technology (62).

There were statistically significant differences in continuation rates, by the following characteristics and for the following programs:

--sex	*business*
--age	*liberal arts*
--entry status	*liberal arts*
--full-/part-time	*liberal arts*
--educational objective	*business*
--grade point average	*liberal arts, business*
--credit-completion ratio	*liberal arts, business, technology*

Leeward Community College had 19 students who graduated in Fall 1976: 10, liberal arts; 5, business; 2, public services; 2, technology.

a. Liberal Arts (702 continuing students; 80% continuation rate)

Among the students with the highest continuation rates were:

--students over 29 years of age at entry (84 percent) and below 19 years old at entry (83 percent)
--new students (81 percent)
--full-time students (87 percent)
--students with grade point averages of 3.5 and above and 2.0-2.9 (85 percent each); 3.0-3.4 (84 percent)
--students with credit-completion ratios of .70-.79 (87 percent); .90-.99 (100 percent: 6 students).

b. Business (155 continuing students; 77% continuation rate)

Among the students with the highest continuation rates were:

--male students (85 percent)
--students seeking A.S. degrees (80 percent)
--students with grade point averages of 3.0-3.4 (93 percent)
--students with credit-completion ratios of 1.00 (89 percent) and .80-.89 (100 percent: 8 students).

c. Technology (62 continuing students; 82% continuation rate)

There were statistically significant differences in continuation rate, by credit-completion ratio: 1.00 (72 percent). Also .70-.89 (100 percent: 8 students).

6. Maui Community College (252 continuing students; 78% continuation rate)

Data in Table B-6 cover five programs and unclassified students. The range in continuation rates was 92 percent for health services to 44 percent for unclassified students. Since three programs had low enrollments (health services, 12; public services, 9; unclassified group, 8), discussion in this section will deal only with students in liberal arts (102 continuing students), business (76) and technology (44).

There were statistically significant differences in continuation rates, by the following characteristics and for the following programs:

--age	*technology*
--high school background	*business, technology*
--entry status	*liberal arts, business*
--full-/part-time	*technology*
--grade point average	*liberal arts, business, technology*
--credit-completion ratio	*liberal arts, business, technology*

Maui Community College had 4 students who graduated in Fall 1976: 2, liberal arts; 1, business; 1, technology.

a. Liberal Arts (102 continuing students; 80% continuation rate)

Among the students with the highest continuation rates were:

--new students (84 percent)
--students with grade point averages of 3.0-3.4 (85 percent) and 3.5 and above (84 percent)
--students with credit-completion ratios of .80-.89 (94 percent). Also .60-.69, .90-.99 (100 percent: 4 students).

b. Business (76 continuing students; 81% continuation rate)

Among the students with the highest continuation rates were:

--graduates of Hawaii private schools (92 percent)
--new students (86 percent)
--students with grade point averages of 3.5 and above (95 percent) and 2.0-2.9 (94 percent)
--students with credit-completion ratios of .80-.89 (93 percent) and 1.00 (91 percent). Also .50-.59 (100 percent: 7 students).

c. Technology (44 continuing students; 72% continuation rate)

Among the students with the highest continuation rates were:

--students below 19 years of age at entry (84 percent)
--graduates of Neighbor Island high schools (80 percent) Also public Oahu and private Hawaii high schools (100 percent: 3 and 6 students, respectively).
--full-time students (82 percent)
--students with grade point averages of 3.5 and above (93 percent)
--students with credit-completion ratios of 1.00 (96 percent). Also .90-.99, .70-.79 (100 percent: 3 continuing students).

7. Windward Community College (131 continuing students; 73% continuation rate)

Data in Table B-7 cover two programs and unclassified students. The range in continuation rates was 73 percent for liberal arts and unclassified students to 67 percent, business. Since two programs had low enrollments, (business, 6 continuing students; unclassified group, 11), discussion in this section will deal only with students in the liberal arts (116 continuing students; 73% continuation rate).

There were statistically significant differences in continuation rates, by the following characteristics, for liberal arts students:

--grade point average
--credit-completion ratio

Among the students with the highest continuation rates in the liberal arts were:

--students with grade point averages of 3.5 and above (88 percent) and 3.0-3.4 (86 percent)
--students with credit-completion ratios of .80-.99 (100 percent).

Windward Community College had 2 liberal arts students who graduated in Fall 1976.

D. Summary and Conclusion

This section compares the major findings regarding continuing and non-continuing students for the past three semesters: Spring 1977, Fall 1976, Spring 1976. *Two important observations can be made:*

- *There are fewer statistically significant differences between continuing and non-continuing students in the third and fourth semesters than in the second semester of enrollment.*
- *The characteristics of students with the highest continuation rates are basically the same for all semesters.*

1. Significant Differences

a. For the community college total and for each of the seven community colleges, there were statistically significant differences in continuation rates for the following characteristics:

Spring 1976 (2nd Sem.)	Fall 1976 (3rd Sem.)	Spring 1977 (4th Sem.)
Age	Grade point average	Grade point average
Entry status	Credit-completion ratio	Credit-completion ratio
Full-/part-time		
Grade point average		
Credit-completion ratio		

b. Another characteristic which showed statistically significant differences in continuation rates for the community college total and for five or six campuses in Spring 1977 was: full-/part-time status.

c. Campuses in all three semesters differed significantly in their continuation rates.

2. Campus Differences, by Program

Enrollment in the various programs of the community colleges varies considerably. We set 26 continuing students as the minimum for analysis in this report of program differences.

a. No one program (enrolling at least 26 continuing students) in Spring 1977 had the highest continuation rate on all campuses: technology was highest at Hawaii, Honolulu and Leeward; business at Kauai and Maui; health services at Kapiolani; liberal arts at Windward.[2] At Hawaii, Honolulu, Maui and Windward, the same programs also had the highest continuation rates in Fall 1976.

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[2] In Fall 1976, for programs enrolling a minimum of 26 continuing students, business had the highest rates at Kapiolani, Leeward and Maui; technology at Hawaii, Honolulu and Kauai; and liberal arts at Windward. (Student Flow Project, Report No. 16.)

b. Grade point average and credit-completion ratio continue to be significant in differentiating between continuing and non-continuing students in most programs enrolling at least 26 continuing students. (See Table 3.)

c. Programs on the various campuses differed greatly in the characteristics which showed statistically significant differences in continuation rates. For example, five campuses offered business programs which enrolled at least 26 continuing students: Hawaii, Kapiolani, Kauai, Leeward and Maui. They differed in the nature and extent of "significant" characteristics. The range: at Kapiolani there were significant differences on six characteristics (age, entry status, full-/part-time status, educational objective, grade point average and credit-completion ratio); at Kauai, three (age, educational objective and grade point average).

3. Profile of Students with Highest Continuation Rates

Generally students with the following characteristics had the highest continuation rates in all semesters:

--students below 19 years of age at entry
--new students (rather than transfers)
--full-time students
--students with grade point averages of 2.0-2.9
--students with credit-completion ratios of at least .70.

4. Concluding Note

The data for the past three semesters show that students who enroll continuously without interruption have certain characteristics in common. The information offers a further basis upon which student counseling and academic advising programs can be more fully developed.

TABLE 3
STUDENT CHARACTERISTICS AND CONTINUATION/NON-CONTINUATION RATES,
BY CAMPUS AND PROGRAM
ENROLLING A MINIMUM OF 26 CONTINUING STUDENTS

Note: Level of statistical significance is denoted thus: * .05 level, ** .01 level, *** .001 level.

Characteristics	HAWAII CC			HONOLULU CC			KAPIOLANI CC			KAUAI CC			LEEWARD CC			MAUI CC			WINDWARD CC
	Liberal Arts	Bus.	Tech.	Liberal Arts	Public Svcs.	Tech.	Liberal Arts	Bus.	Health Svcs.	Liberal Arts	Bus.	Tech.	Liberal Arts	Bus.	Tech.	Liberal Arts	Bus.	Tech.	Liberal Arts
Sex						***								*					
Age		*						*			*	*	***					*	
Marital Status			**																
High Sch Backgr		*															**	**	
Entry Status		***						*					**			*	***		
Full-/Part-Time		*	***			***	***	***					***					*	
Educational Obj						***		***			*			**					
Grade Point Ave	***		***	**	**	***	***	***	*	***	**	**	***	***		**	***	***	***
Cr Completion Ratio	**		***	***	**	***	***	***	*	***		***	***	***	**	*	**	***	**

APPENDIX NOTES

1. "Previous total" denotes continuing students at the end of the previous semester.

2. Continuing Rate = $\frac{\text{number of continuing students}}{\text{previous total}}$

3. Levels of significance, based on chi-square analysis, are denoted thus:

   * .05 level ** .01 level *** .001 level

4. Continuation rates are not given if the previous total is under 10.

5. Continuation rates are not presented for students for whom no data are available on a particular characteristic.

TABLE B-2
SPRING 1977 CONTINUATION RATES, BY PROGRAM AND CHARACTERISTICS
HONOLULU COMMUNITY COLLEGE

Note: Please refer to notes on page 21.

Characteristics	LIBERAL ARTS Prev. Total	LIBERAL ARTS Continuing Studs	LIBERAL ARTS Rate	HOTEL/FOOD SVCS. Prev. Total	HOTEL/FOOD SVCS. Continuing Studs	HOTEL/FOOD SVCS. Rate	PUBLIC SVCS. Prev. Total	PUBLIC SVCS. Continuing Studs	PUBLIC SVCS. Rate	TECHNOLOGY Prev. Total	TECHNOLOGY Continuing Studs	TECHNOLOGY Rate	UNCLASSIFIED Prev. Total	UNCLASSIFIED Continuing Studs	UNCLASSIFIED Rate
Total	261	208	80%	15	14	93%	172	132	77%	443	370	84%	28	21	75%
Sex											***				
Female	106	88	83%	8	8		37	24	65%	62	37	60%	12	10	83%
Male	155	120	77%	7	6		135	108	80%	381	333	87%	16	11	69%
Age															
Below 19	110	94	86%	2	2		48	36	75%	241	207	86%	—	—	--
19-21	56	42	75%	3	3		25	18	72%	197	86	80%	1	1	
22-24	33	25	76%	4	4		20	14	70%	36	30	83%	2	1	
25-29	37	27	73%	2	2		30	27	90%	31	25	81%	3	2	
Over 29	25	20	80%	4	3		49	37	76%	28	22	79%	22	17	77%
Marital Status															
Single	220	178	81%	10	10	100%	102	76	75%	392	329	84%	6	6	
Married	41	30	73%	5	4		70	56	80%	51	41	80%	22	15	68%
High Sch Backgr															
Public, Oahu	159	134	84%	12	12	100%	98	77	79%	312	262	84%	13	12	92%
Public, N.I.	9	8		3	2		10	6	60%	38	32	84%	1	1	
Private, HI State	22	17	77%	—	—	--	30	21	70%	37	30	81%	3	1	
U.S. Main & Poss.	40	27	68%	—	—	--	21	18	86%	18	17	94%	2	2	
Foreign Countries	13	8	62%	—	—	--	1	1		20	17	85%	—	—	--
Other	17	13	77%	—	—	--	12	9	75%	18	12	67%	9	5	
No Data	1	1		—	—	--	—	—	--	—	—	--	—	—	--
Entry															
New	200	165	83%	10	9	90%	121	93	77%	348	289	83%	23	17	74%
Transfer	61	43	71%	5	5		51	39	77%	95	81	85%	5	4	
Status											***				
Full-Time	139	116	84%	6	6		65	52	80%	279	257	92%	1	1	
Part-Time	122	92	75%	9	8		197	80	75%	164	113	69%	27	20	74%
Educational Obj											***				
Certificate	—	—	--	2	2		9	5		65	44	68%	—	—	--
A.S.	—	—	--	13	12	92%	157	123	78%	378	326	86%	—	—	--
A.A.	261	208	80%	—	—	--	6	4		—	—	--	—	—	--
Unclassified	--	—	--	—	—	--	—	—	--	—	—	--	28	21	75%
Grade Point Ave		**						**			***				
3.5 & above	48	38	79%	8	8		29	21	72%	111	102	92%	17	14	82%
3.0-3.4	40	36	90%	2	2		34	29	85%	98	88	90%	2	1	
2.0-2.9	84	75	89%	—	—	--	57	50	88%	140	121	86%	4	3	
Below 2.0	89	59	66%	5	4		52	32	62%	94	59	63%	5	3	
Cr Completion Ratio		***						**			***				
1.00	87	74	85%	6	6		91	76	84%	263	240	91%	24	18	75%
.90-.99	3	3		—	—	--	1	1		6	6		—	—	--
.80-.89	14	14	100%	—	—	--	10	8	80%	14	13	93%	—	—	--
.70-.79	31	29	94%	5	5		16	14	88%	42	35	83%	—	—	--
.60-.69	26	23	89%	—	—	--	8	7		14	14	100%	—	—	--
.50-.59	21	18	86%	1	1		5	4		23	17	74%	—	—	--
Below .50	79	47	60%	3	2		41	22	54%	81	45	56%	4	3	

TABLE B-3
SPRING 1977 CONTINUATION RATES, BY PROGRAM AND CHARACTERISTICS
KAPIOLANI COMMUNITY COLLEGE

Note: Please refer to notes on page 21.

Characteristics	LIBERAL ARTS			BUSINESS			HEALTH SVCS.			HOTEL/FOOD SVCS.			PUBLIC SVCS.			UNCLASSIFIED		
	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate
TOTAL	322	234	73%	423	341	81%	86	80	93%	70	54	77%	14	8	57%	16	4	25%
Sex																		
Female	175	130	74%	330	265	80%	73	69	95%	28	24	86%	13	8	62%	7	2	
Male	147	104	71%	93	76	82%	13	11	85%	42	30	71%	1	0		9	2	
Age					*													
Below 19	223	164	74%	286	241	84%	27	25	93%	31	27	87%	—	—	--	—	—	--
19-21	38	29	76%	[illegible]	43	72%	28	26	93%	11	8	73%	2	2		2	0	
22-24	14	8	57%	20	13	65%	14	13	93%	6	3		3	2		4	1	
25-29	21	15	71%	25	18	72%	8	8		11	7	64%	4	1		6	1	
Over 29	26	18	69%	32	26	81%	9	8		11	9	82%	5	3		4	2	
Marital Status																		
Single	284	208	73%	377	306	81%	68	64	94%	56	43	77%	6	4		11	3	27%
Married	38	26	68%	46	35	76%	18	16	89%	14	11	79%	8	4		5	1	
High Sch Backgr																		
Public, Oahu	232	173	75%	292	235	81%	49	46	94%	45	35	78%	7	5		7	1	
Public, N.I.	8	5		49	40	82%	8	8		7	4		—	—	--	1	0	
Private, HI State	38	28	74%	27	22	82%	8	8		5	5		1	1		3	0	
U.S. Main & Poss.	17	8	47%	17	14	82%	15	12	80%	5	4		4	2		1	1	
Foreign Countries	9	9		19	14	74%	1	1		2	1		1	0		1	0	
Other	9	6		8	6		2	2		5	4		1	0		3	2	
No Data	9	5		11	10	91%	3	3		1	1		—	—	--	—	—	--
Entry					*													
New	271	201	74%	341	282	83%	38	34	90%	54	44	82%	5	4		8	3	
Transfer	51	33	65%	82	59	72%	48	46	96%	16	10	63%	9	4		8	1	
Status		***			***													
Full-Time	186	151	81%	208	186	89%	38	37	97%	34	29	85%	1	1		1	0	
Part-Time	136	83	61%	215	155	72%	48	43	90%	36	25	69%	13	7	54%	15	4	27%
Educational Obj					***													
Certificate	—	—	--	129	91	71%	8	6		23	19	83%	—	—	--	—	—	--
A.S.	—	—	--	294	250	85%	78	74	95%	47	35	75%	14	8	57%	—	—	--
A.A.	322	234	73%	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Unclassified	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	16	4	25%
Grade Point Ave		***			***			*										
3.5 & above	55	43	78%	79	63	80%	24	24	100%	16	14	88%	9	6		3	0	
3.0-3.4	64	52	81%	94	85	90%	30	28	93%	13	11	85%	4	2		3	1	
2.0-2.9	133	108	81%	157	140	89%	22	21	96%	20	15	75%	—	—	--	3	1	
Below 2.0	70	31	44%	93	53	57%	10	7	70%	21	14	67%	1	0		7	2	
Cr Completion Ratio		***			***			*										
1.00	169	132	78%	195	167	86%	57	55	97%	49	41	84%	11	7	64%	6	0	
.90-.99	7	6		12	11	92%	6	6		1	0		—	—	--	—	—	--
.80-.89	25	22	88%	38	36	95%	4	4		—	—	--	—	—	--	1	1	
.70-.79	30	24	80%	34	27	79%	5	4		3	2		—	—	--	2	1	
.60-.69	21	15	71%	32	30	94%	4	4		1	1		1	1		—	—	--
.50-.59	14	11	79%	32	22	69%	2	2		5	4		—	—	--	—	—	--
Below .50	56	24	43%	80	48	60%	8	5		11	6	55%	2	0		7	2	

TABLE B-4
SPRING 1977 CONTINUATION RATES, BY PROGRAM AND CHARACTERISTICS
KAUAI COMMUNITY COLLEGE

Note: Please refer to notes on page 21.

Characteristics	LIBERAL ARTS			BUSINESS			HEALTH SVCS.			PUBLIC SVCS.			TECHNOLOGY			UNCLASSIFIED		
	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate
Total	63	48	76%	41	36	88%	5	5		17	14	82%	51	41	80%	19	14	74%
Sex																		
Female	28	21	75%	38	33	87%	5	5		4	4		—	—	--	14	10	71%
Male	35	27	77%	3	3		—	—	--	13	10	77%	51	41	80%	5	4	
Age					*									*				
Below 19	20	17	85%	32	29	91%	1	1		5	4		33	26	79%	1	1	
19-21	13	10	77%	5	5		1	1		2	2		6	6		3	2	
22-24	4	1		1	1		1	1		1	1		2	0		2	2	
25-29	16	13	81%	1	0		1	1		4	4		3	3		7	5	
Over 29	10	7	70%	2	1		1	1		5	3		7	6		6	4	
Marital Status																		
Single	41	30	73%	35	32	91%	2	2		9	8		41	33	81%	7	5	
Married	22	18	82%	6	4	67%	3	3		8	6		10	8	80%	12	9	75%
High Sch Backgr																		
Public, Oahu	3	2		1	0		—	—	--	1	1		1	1		—	—	--
Public, N.I.	33	27	82%	38	34	90%	3	3		13	11	85%	43	35	81%	7	4	
Private, HI State	1	1		—	—	--	—	—	--	1	0		1	1		—	—	--
U.S. Main & Poss.	16	11	69%	1	1		2	2		—	—	--	3	2		9	7	
Foreign Countries	4	4		—	—	--	—	—	--	1	1		—	—	--	3	3	
Other	5	3		1	1		—	—	--	1	1		3	2		—	—	--
No Data	1	0		—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Entry																		
New	41	34	83%	37	33	89%	3	3		13	10	77%	43	35	81%	5	4	
Transfer	22	14	64%	4	3		2	2		4	4		8	6		14	10	71%
Status																		
Full-Time	25	20	80%	26	25	96%	4	4		4	4		31	24	77%	2	2	
Part-Time	38	28	74%	15	11	73%	1	1		13	10	77%	20	17	85%	17	12	71%
Educational Obj					*													
Certificate	—	—	--	7	4		2	2		—	—	--	20	17	85%	—	—	--
A.S.	—	—	--	34	32	94%	3	3		17	14	82%	31	24	77%	—	—	--
A.A.	63	48	76%	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Unclassified	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	19	14	74%
Grade Point Ave		***			**									**				
3.5 & above	17	14	82%	7	6		1	1		3	3		9	9		7	4	
3.0-3.4	11	10	91%	11	11	100%	3	3		4	3		10	9	90%	2	2	
2.0-2.9	23	22	96%	18	17	94%	1	1		7	7		20	18	90%	5	5	
Below 2.0	12	2	17%	5	2		—	—		3	1		12	5	42%	5	3	
Cr Completion Ratio		***									*			***				
1.00	34	31	91%	16	15	94%	3	3		10	10	100%	28	27	96%	9	7	
.90-.99	--	--	--	2	2		—	—	--	—	—	--	2	2		1	1	
.80-.89	1	1		6	6		2	2		1	1		2	2		—	—	--
.70-.79	7	6		5	4		—	—	--	—	—	--	5	4		1	1	
.60-.69	2	2		1	1		—	—	--	1	1		2	2		1	1	
.50-.59	5	4		3	3		—	—	--	1	0		4	1		1	0	
Below .50	14	4	29%	8	5		—	—	--	4	2		8	3		6	4	

TABLE B-5
SPRING 1977 CONTINUATION RATES, BY PROGRAM AND CHARACTERISTICS
LEEWARD COMMUNITY COLLEGE

Note: Please refer to notes on page 21.

Characteristics	LIBERAL ARTS			BUSINESS			HOTEL/FOOD SVCS.			PUBLIC SVCS.			TECHNOLOGY			UNCLASSIFIED		
	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate
Total	883	702	80%	201	155	77%	25	23	92%	23	18	78%	76	62	82%	24	20	83%
Sex					*													
Female	386	3[illegible]	80%	103	72	70%	9	9		10	8		6	5		17	13	77%
Male	497	39[illegible]	79%	98	83	85%	16	14	88%	13	10	77%	70	57	81%	7	7	
Age		***															**	
Below 19	477	395	83%	77	57	74%	16	16	100%	7	6		37	27	73%	2	0	
19-21	126	85	68%	19	13	68%	5	4		2	2		14	12	86%	4	4	
22-24	53	39	74%	7	6		—	—	--	2	1		7	6		2	2	
25-29	83	62	75%	23	20	87%	—	—	--	6	4		5	5		6	6	
Over 29	144	121	84%	75	59	79%	4	3		6	5		13	12	92%	10	8	80%
Marital Status																		
Single	669	531	79%	104	78	75%	22	21	96%	13	11	85%	55	44	80%	11	9	82%
Married	214	171	80%	97	77	79%	3	2		10	7	70%	21	18	86%	13	11	85%
High Sch Backgr								**										
Public, Oahu	600	484	81%	118	91	77%	20	19	95%	13	10	77%	50	40	80%	15	12	80%
Public, N.I.	15	12	80%	20	16	80%	1	0		4	4		2	2		—	—	--
Private, HI State	77	62	81%	15	13	87%	—	—	--	--	—	--	7	7		—	—	--
U.S. Main & Poss.	100	76	76%	21	15	71%	—	—	--	3	1		8	7		3	3	
Foreign Countries	42	29	69%	15	12	80%	3	3		—	—	--	1	0		3	2	
Other	39	29	74%	11	8	73%	1	1		3	3		8	6		3	3	
No Data	10	10	100%	1	0		—	—	--	—	—	--	—	—	--	—	—	--
Entry		**																
New	716	583	81%	151	119	79%	23	22	96%	17	14	82%	60	47	78%	12	9	75%
Transfer	167	119	71%	50	36	72%	2	1		6	4		16	15	94%	12	11	92%
Status		***									*							
Full-Time	354	309	87%	42	36	86%	15	15	100%	12	12	100%	34	31	91%	3	1	
Part-Time	529	393	74%	159	119	75%	10	8	80%	11	6	55%	42	31	74%	21	19	91%
Educational Obj					**													
Certificate	—	—	--	23	12	52%	3	3		1	1		5	4		—	—	--
A.S.	—	—	--	177	142	80%	22	20	91%	22	17	77%	71	58	82%	—	—	--
A.A.	883	702	80%	1	1		—	—	--	—	—	--	—	—	--	—	—	--
Unclassified	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	24	20	83%
Grade Point Ave		***			***													
3.5 & above	209	177	85%	49	40	82%	3	3		7	5		10	9	90%	6	5	
3.0-3.4	221	186	84%	42	39	93%	1	1		4	4		22	17	77%	6	4	
2.0-2.9	279	236	85%	62	53	86%	8	7		10	8	80%	27	25	93%	7	7	
Below 2.0	174	103	59%	48	23	48%	13	12	92%	2	1		17	11	65%	5.	4	
Cr Completion Ratio		***			***									**			*	
1.00	385	324	84%	106	94	89%	1	7		12	9	75%	39	36	92%	13	13	100%
.90-.99	6	6		—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
.80-.89	61	52	85%	8	8		2	2		2	2		3	3		1	0	
.70-.79	107	93	87%	23	19	83%	2	2		1	1		5	5		1	1	
.60-.69	54	46	85%	6	6		1	1		1	1		5	4		1	1	
.50-.59	59	47	80%	15	12	80%	3	3		3	2		3	1		1	1	
Below .50	211	134	64%	43	16	37%	9	8		4	3		21	13	62%	7	4	

TABLE B-6
SPRING 1977 CONTINUATION RATES, BY PROGRAM AND CHARACTERISTICS
MAUI COMMUNITY COLLEGE

Note: Please refer to notes on page 21.

Characteristics	LIBERAL ARTS			BUSINESS			HEALTH SVCS.			PUBLIC SVCS.			TECHNOLOGY			UNCLASSIFIED		
	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate
Total	128	102	80%	94	76	81%	13	12	92%	10	9	90%	61	44	72%	18	8	44%
Sex																		
Female	44	33	75%	76	63	83%	13	12	92%	7	6		5	3		12	4	33%
Male	84	69	82%	18	13	72%	—	—	--	3	3		56	41	73%	6	4	
Age														*				
Below 19	59	50	85%	66	58	88%	3	3		5	5		32	27	84%	2	1	
19-21	19	11	58%	9	6		2	2		1	1		10	7	70%	2	0	
22-24	10	7	70%	2	1		2	2		—	—	--	3	2		4	2	
25-29	21	17	81%	7	4		4	3		2	2		8	2		2	1	
Over 29	19	17	90%	10	7	70%	2	2		2	1		8	6		8	4	
Marital Status																		
Single	94	72	77%	77	63	82%	7	7		7	7		48	35	73%	6	3	
Married	34	30	88%	17	13	77%	6	5		3	2		13	9	69%	12	5	42%
High Sch Backgr					**									**				
Public, Oahu	5	4		6	2		1	1		—	—	--	3	3		—	—	--
Public, N.I.	73	62	85%	62	54	87%	4	4		8	8		39	31	80%	7	2	
Private, HI State	13	8	62%	13	12	92%	1	1		—	—	--	6	6		—	—	--
U.S. Main & Poss.	21	15	71%	5	3		6	5		—	—	--	10	4	40%	4	2	
Foreign Countries	8	6		4	2		1	1		2	1		—	—	--	5	2	
Other	8	7		4	3		—	—	--	—	—	--	3	0		2	2	
Entry		*			***													
New	101	85	84%	85	73	86%	7	7		7	6		47	35	75%	9	4	
Transfer	27	17	63%	9	3		6	5		3	3		14	9	64%	9	4	
Status														*				
Full-Time	80	66	83%	64	54	84%	5	5		5	5		39	32	82%	2	2	
Part-Time	48	36	75%	30	22	73%	8	7		5	4		22	12	55%	16	6	38%
Educational Obj																		
Certificate	—	—	--	7	6		—	—	--	—	—	--	15	11	73%	—	—	--
A.S.	—	—	--	87	70	81%	13	12	92%	10	9	90%	46	33	72%	—	—	--
A.A.	128	102	80%	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Unclassified	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	18	8	44%
Grade Point Ave		**			***						*			***				
3.5 & above	32	27	84%	19	18	95%	6	5		1	0		14	13	93%	12	6	50%
3.0-3.4	40	34	85%	18	16	89%	6	6		3	3		10	9	90%	2	0	
2.0-2.9	44	36	82%	35	33	94%	1	1		5	5		21	19	91%	3	2	
Below 2.0	12	5	42%	22	9	41%	—	—	--	1	1		16	3	19%	1	0	
Cr Completion Ratio		*			**									***				
1.00	63	54	86%	33	30	91%	11	10	91%	4	4		27	26	96%	9	5	
.90-.99	2	2		—	—	--	1	1		—	—	--	1	1		1	1	
.80-.89	17	16	94%	14	13	93%	—	—	--	—	—	--	8	7		—	—	--
.70-.79	14	9	64%	7	6		1	1		3	3		2	2		1	1	
.60-.69	2	2		7	6		—	—	--	1	1		—	—	--	3	0	
.50-.59	7	6		7	7		—	—	--	—	—	--	6	4		1	0	
Below .50	23	13	57%	26	14	54%	—	—	--	2	1		17	4	24%	3	1	

TABLE B-7
SPRING 1977 CONTINUATION RATES, BY PROGRAM AND CHARACTERISTICS
WINDWARD COMMUNITY COLLEGE

Note: Please refer to notes on page 21.

Characteristics	LIBERAL ARTS			BUSINESS			UNCLASSIFIED		
	Prev. Total	Continuing Students	Rate	Prev. Total	Continuing Students	Rate	Prev. Total	Continuing Students	Rate
Total	159	116	73%	6	4	67%	15	11	73%
Sex									
Female	69	47	68%	4	2		12	8	67%
Male	90	69	77%	2	2		3	3	
Age									
Below 19	67	49	73%	2	2		2	1	
19-21	20	16	80%	1	0		2	2	
22-24	13	6	46%	—	—	--	2	1	
25-29	17	13	77%	1	0		2	1	
Over 29	42	32	76%	2	2		7	6	
Marital Status									
Single	101	74	73%	4	2		5	3	
Married	58	42	72%	2	2		10	8	80%
High Sch Backgr									
Public, Oahu	100	74	74%	4	2		6	4	
Public, N.I.	2	2		1	1		3	1	
Private, HI State	17	12	71%				1	1	
U.S. Main & Poss.	22	15	68%				4	4	
Foreign Countries	4	2		1	1		—	—	--
Other	14	11	79%	—	—	--	1	1	
Entry									
New	125	92	74%	2	2		13	9	69%
Transfer	34	24	71%	4	2		2	2	
Status									
Full-Time	58	48	83%	2	1		1	1	
Part-Time	101	68	67%	4	3		14	10	71%
Educational Obj									
Certificate	—	—	--	6	4		—	—	--
A.S.	—	—	--	—	—	--	—	—	--
A.A.	159	116	73%	—	—	--	—	—	--
Unclassified	—	—	--	—	—	--	15	11	73%
Grade Point Ave		***						**	
3.5 & above	48	42	88%	1	1		6	6	
3.0-3.4	29	25	86%	1	1		3	3	
2.0-2.9	36	27	75%	2	2		1	1	
Below 2.0	46	22	48%	2	0		5	1	
Credit-Completion Ratio		**							
1.00	53	45	85%	3	3		7	7	
.90-.99	1	1		—	—	--	—	—	--
.80-.89	13	13	100%	—	—	--	1	1	
.70-.79	11	8	73%	—	—	--	1	1	
.60-.69	8	7		1	1		1	1	
.50-.59	12	9	75%	—	—	--	—	—	--
Below .50	61	33	54%	2	0		5	1	

UNIVERSITY OF CALIF. LOS ANGELES
CLEARINGHOUSE FOR JUNIOR COLLEGES

TABLE A
SPRING 1977 CONTINUATION RATES, BY CAMPUS AND CHARACTERISTICS
COMMUNITY COLLEGE TOTAL

Note: Please refer to notes on page 21.

Characteristics	TOTAL			HAWAII CC			HONOLULU CC			KAPIOLANI CC			KAUAI CC			LEEWARD CC			MAUI CC			WINDWARD CC		
	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate
Total	4,149	3,302	80%	366	315	86%	919	745	81%	931	721	77%	196	158	81%	1,232	980	80%	325	252	78%	180	131	73%
Sex								**			*													
Female	1,877	1,469	78%	163	137	84%	225	167	74%	626	498	80%	89	73	82%	531	415	78%	158	122	77%	85	57	67%
Male	2,272	1,833	81%	203	178	88%	694	578	83%	305	223	73%	107	85	79%	701	565	81%	167	130	78%	95	74	78%
Age		***									**						*			**				
Below 19	2,125	1,761	83%	211	190	90%	401	339	85%	567	457	81%	92	78	85%	616	501	81%	167	144	86%	71	52	73%
19-21	656	493	75%	57	44	77%	192	150	78%	141	108	77%	30	26	87%	170	120	71%	43	27	63%	23	18	78%
22-24	301	217	72%	27	22	82%	95	74	78%	61	40	66%	11	6	55%	71	54	76%	21	14	67%	15	7	47%
25-29	441	336	76%	43	36	84%	103	83	81%	75	50	67%	32	26	81%	123	97	79%	45	30	67%	20	14	70%
Over 29	626	495	79%	28	23	82%	128	99	77%	87	66	76%	31	22	71%	252	208	83%	49	37	76%	51	40	78%
Marital Status																								
Single	3,188	2,559	80%	298	262	88%	730	599	82%	802	628	78%	135	110	82%	874	694	79%	239	187	78%	110	79	72%
Married	961	743	77%	68	53	78%	189	146	77%	129	93	72%	61	48	79%	358	286	80%	86	65	76%	70	52	74%
High Sch Backgr		***			*															**				
Public, Oahu	2,186	1,755	80%	13	13	100%	594	497	84%	632	495	78%	6	4		816	656	80%	15	10	67%	110	80	73%
Public, N.I.	790	660	84%	280	242	86%	61	49	80%	73	57	78%	137	114	83%	41	34	83%	193	161	83%	5	3	
Private, HI State	351	277	79%	22	19	86%	92	69	75%	82	64	78%	3	2		100	82	82%	33	27	82%	19	14	74%
U.S. Main & Poss.	401	297	74%	22	18	82%	81	64	79%	59	41	70%	31	23	74%	135	102	76%	47	30	64%	26	19	73%
Foreign Countries	177	133	75%	13	13	100%	34	26	77%	33	25	76%	8	8		64	46	72%	20	12	60%	5	3	
Other	207	150	73%	16	10	63%	56	39	70%	28	20	71%	10	7	70%	65	50	77%	17	12	71%	15	12	80%
No Data	37	30		—	—	--	—	—	--	24	19	--	1	0	--	11	10	--	—	—	--	—	—	--
Entry		***			*						*						**			***				
New	3,241	2,636	81%	305	269	88%	702	573	82%	717	568	79%	142	119	84%	979	794	81%	256	210	82%	140	103	74%
Transfer	908	666	73%	61	46	75%	217	172	79%	214	153	72%	54	39	72%	253	186	74%	69	42	61%	40	28	70%
Status		***			***			***			***						***			***				
Full-Time	1,997	1,746	87%	231	213	92%	490	432	88%	468	404	86%	92	79	86%	460	404	88%	195	164	84%	61	50	82%
Part-Time	2,152	1,556	72%	135	102	76%	429	313	73%	463	317	69%	104	79	76%	772	576	75%	130	88	68%	119	81	68%
Educational Obj		***						**			***									**				
Certificate	378	277	73%	53	46	87%	76	51	67%	160	116	73%	29	23	79%	32	20	63%	22	17	77%	6	4	
A.S.	1,746	1,466	84%	232	204	88%	548	461	84%	433	367	85%	85	73	86%	292	237	81%	156	124	80%	—	—	--
A.A.	1,892	1,471	78%	69	56	81%	267	212	79%	322	234	73%	63	48	76%	884	70.	80%	128	102	80%	159	116	73%
Unclassified	133	88	66%	12	9	75%	28	21	75%	16	4	25%	19	14	74%	24	20	83%	19	9	47%	15	11	73%
Program		***									***									**				
Liberal Arts	1,885	1,466	78%	69	56	81%	261	208	80%	322	234	73%	63	48	76%	883	702	80%	128	102	80%	159	116	73%
Business	883	711	81%	118	99	84%	—	—	--	423	341	81%	41	36	88%	201	155	77%	94	76	81%	6	4	
Health Svcs.	122	113	93%	18	16	89%	—	—	--	86	80	93%	5	5		—	—	--	13	12	92%	—	—	--
Hotel/Food Svcs.	119	99	83%	9	8		15	14	93%	70	54	77%	—	—	--	25	23	92%	—	—	--	—	—	--
Public Svcs.	257	199	77%	21	18	86%	172	132	77%	14	8	57%	17	14	82%	23	18	78%	10	9	90%	—	—	--
Technology	750	626	84%	119	109	92%	443	370	84%	—	—	--	51	41	80%	76	62	82%	61	44	72%	—	—	--
Unclassified	132	87	66%	12	9	75%	28	21	75%	16	4	25%	19	14	74%	24	20	83%	18	8	44%	15	11	73%
No Data	1	1		—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	1	1		—	—	--
Grade Point Ave.		***			***			***			***			***			***			***			***	
3.5 & above	933	786	84%	67	59	88%	213	183	86%	186	150	81%	44	37	84%	284	239	84%	84	69	82%	55	49	89%
3.0-3.4	929	811	87%	96	90	94%	176	156	89%	208	179	86%	41	38	93%	296	251	85%	79	68	86%	33	29	88%
2.0-2.9	1,374	1,192	87%	139	126	91%	285	249	87%	335	285	85%	74	70	95%	393	336	86%	109	96	88%	39	30	77%
Below 2.0	913	513	56%	64	40	63%	245	157	64%	202	107	53%	37	13	35%	259	154	60%	53	19	36%	53	23	43%
Cr Completion Ratio		***			***			***			***			***			***			***			***	
1.00	2,065	1,790	87%	233	213	91%	471	414	88%	487	402	83%	100	93	93%	563	483	86%	148	130	88%	63	55	87%
.90-.99	53	50	94%	—	—	--	10	10	100%	26	23	89%	5	5		6	6		5	5		1	1	
.80-.89	272	250	92%	24	23	96%	38	35	92%	68	63	93%	12	12	100%	77	67	87%	39	36	92%	14	14	100%
.70-.79	388	328	85%	23	20	87%	94	83	88%	74	58	78%	18	15	83%	139	121	87%	28	22	79%	12	9	75%
.60-.69	225	196	87%	20	17	85%	48	44	92%	59	51	86%	7	7		68	59	87%	13	9	69%	10	9	90%
.50-.59	248	191	77%	14	12	86%	50	40	80%	53	39	74%	14	8	57%	84	66	79%	21	17	81%	12	9	75%
Below .50	898	497	55%	52	30	58%	208	119	57%	164	85	52%	40	18	45%	295	178	60%	71	33	47%	68	34	50%

TABLE B-1
SPRING 1977 CONTINUATION RATES, BY PROGRAM AND CHARACTERISTICS
HAWAII COMMUNITY COLLEGE

Note: Please refer to notes on page 21.

Characteristics	LIBERAL ARTS			BUSINESS			HEALTH SVCS.			HOTEL/FOOD SVCS.			PUBLIC SVCS.			TECHNOLOGY			UNCLASSIFIED		
	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate	Prev. Total	Continuing Studs	Rate
Total	69	56	81%	118	99	84%	18	16	89%	9	8	89%	21	18	86%	119	109	92%	12	9	75%
Sex																					
Female	22	16	73%	102	87	86%	18	16	89%	2	2		6	5		8	7	88%	5	4	
Male	47	40	85%	16	12	75%	—	—	--	7	6		15	13	87%	111	102	92%	7	5	
Age					*																
Below 19	27	21	78%	85	77	91%	3	3		5	4		8	7		83	78	94%	—	—	--
19-21	10	9	90%	17	10	59%	4	2		1	1		2	2		19	17	90%	4	3	
22-24	7	5		8	6		2	2		1	1		1	1		6	6		2	1	
25-29	14	12	86%	4	3		5	5		2	2		7	6		8	6		3	2	
Over 29	11	9	82%	4	3		4	4		—	—	--	3	2		3	2		3	3	
Marital Status																	**				
Single	45	36	80%	105	89	85%	11	10	91%	9	8		13	12	92%	107	101	94%	8	6	
Married	24	20	83%	13	10	77%	7	6		—	—	--	8	6	75%	12	8	67%	4	3	
High School Background					*																
Public, Oahu	5	5		—	—	--	4	4		—	—	--	—	—	--	3	3		1	1	
Public, N.I.	41	33	81%	100	84	84%	7	6		7	6		15	14	93%	105	96	91%	5	3	
Private, HI State	4	2		12	11	92%	—	—	--	—	—	--	2	2		4	4		—	—	--
U.S. Main & Poss.	10	9	90%	1	1		6	5		—	—	--	—	—	--	4	3		1	0	
Foreign Countries	3	3		3	3		1	1		1	1		—	—	--	—	—	--	—	—	--
Other	6	4		2	0		—	—	--	1	1		4	2		3	3		5	5	
Entry					***																
New	59	48	81%	104	93	89%	7	7		8	7		16	13	81%	107	99	93%	4	2	
Transfer	10	8	80%	14	6	43%	11	9	82%	1	1		5	5		12	10	83%	8	7	
Status					*												***				
Full-Time	19	16	84%	92	81	88%	8	8		8	7		10	[illegible]	90%	93	91	98%	1	1	
Part-Time	50	40	80%	26	18	69%	10	8	80%	1	1		11	9	82%	26	18	69%	11	8	73%
Educational Objective																					
Certificate	—	—	--	36	30	83%	1	1		—	—	--	—	—	--	16	15	94%	—	—	--
A.S.	—	—	--	82	69	84%	17	15	88%	9	8	--	21	18	86%	103	94	91%	—	—	--
A.A.	69	56	81%	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Unclassified	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	12	9	75%
Grade Point Average		***									**						***				
3.5 & above	8	7		24	19	79%	3	2		1	1		3	3		24	24	100%	4	3	
3.0-3.4	15	15	100%	25	22	88%	9	8		—	—	--	4	3		41	40	98%	2	2	
2.0-2.9	28	26	93%	51	44	86%	5	5		7	7		6	6		39	36	92%	3	2	
Below 2.0	18	8	44%	18	14	78%	1	1		1	0		8	6		15	9	60%	3	2	
Cr Completion Ratio		**									**						***				
1.00	36	33	92%	70	57	81%	14	13	93%	7	7		11	10	91%	88	87	99%	7	6	86%
.90-.99	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
.80-.89	2	2		10	10	100%	—	—	--	1	1		1	1		10	9	90%	—	—	--
.70-.79	7	7		8	8		1	1		—	—	--	2	2		4	2		1	0	
.60-.69	1	1		11	8	73%	—	—	--	—	—	--	2	2		6	6		—	—	--
.50-.59	6	5		6	6		—	—	--	—	—	--	—	—	--	2	1		—	—	--
Below .50	17	8	47%	13	10	77%	3	2		1	0		5	3		9	4		4	3	